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CERTIFICATE OF FACSIMILE TRANSMISSION TO THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

DATE: August 18, 2003

Examiner: Do, Chat C.  
Art Unit: 2124  
Fax: 703-746-7238  
From: Thomas M. Fisher

: RE: U.S. Patent Application  
: Serial No.: 09/507,521  
: Applicant: Min Xie et al.  
: Atty. Dkt. No.: 15-CT-5271

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AUG 19 2003

Technology Center 2100

## DOCUMENTS SUBMITTED WITH TRANSMISSION:

Amendment Transmittal (3 pgs.)  
Amendment in Response to Office Action of June 17, 2003 (28 pgs.)  
Fax Transmittal (1 pg.)

Total pages including cover page: 32

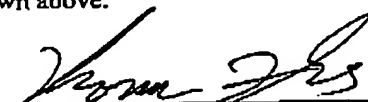
If all pages are not received, please contact: Linda Driscoll at Ext. 7229

RE: The above referenced U.S. Patent Application  
Title: METHOD AND APPARATUS FOR FAST NATURAL LOG(X) CALCULATION  
Filed: February 18, 2000

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PATENT  
15-CT-5271

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Min Xie et al.

Serial No.: 09/507,521

Filed: February 18, 2000

For: METHOD AND APPARATUS  
FOR FAST NATURAL LOG(X)  
CALCULATIONCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Art Unit 2322

Examiner: Dc, Chat C.

## TRANSMITTAL

1. Transmitted herewith is:

Amendment Transmittal (3 pgs.)

Amendment in Response to Office Action dated June 17, 2003 (28 pgs.)

Fax Transmittal (1 pg.)

## STATES

2. Applicant

Claims small entity status:  
X is other than a small entity.

## CERTIFICATE OF MAILING/TRANSMISSION

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## MAILING

deposited with the United States Postal Service with  
sufficient postage as "Express Mail Post Office to  
Addressee" in an envelope addressed to Commissioner  
for Patents, P.O. Box 1450, Alexandria, VA 22313-  
1450.Date: August 18, 2003

## FACSIMILE

Transmitted by facsimile to the Patent and  
Trademark OfficeJames M. Fisher  
Reg. No. 2003-04

## EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) \_\_\_\_\_ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
_____ first month	\$ 175.00	\$ 55.00
_____ Second month	\$ 225.00	\$ 205.00
_____ Third month	\$ 275.00	\$ 465.00
_____ Fourth month	\$ 325.00	\$ 725.00
_____ fifth month	\$ 375.00	\$ 985.00

Fee:

\$ \_\_\_\_\_

If an additional extension of time is required, please consider this a petition therefor.

(Check and complete the next item, if applicable)

\_\_\_\_\_ An extension of \_\_\_\_\_ months has already been secured. The fee paid therefor \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request: \$ \_\_\_\_\_

OR

- (b) X Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.



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15-CT-5271  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Min Xie et al.

Serial No.: 09/507,521

Filed: February 18, 2000

For: METHOD AND APPARATUS  
FOR FAST NATURAL LOG(X)  
CALCULATION

Art Unit 2824

Examiner: Dc, Chat C.

#12/6  
H.E.

P. C. H. W.  
10-23-03

AMENDMENT

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated June 17, 2003, and made final, in accordance with 37 C.F.R. §1.116, Applicants respectfully request consideration of the following amendment.